

Form PTO-1449 (modified)

Atty. Docket No.

INRP:095US

Serial No.

10/043,877

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant

Tapas Mukhopadhyay *et al.*

Filing Date:

January 9, 2002

Group:

1641

U.S. Patent Documents

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Foreign Patent Documents

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Other Art

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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
/BF/	B1	WO 98/32440	7/30/98	PCT			
/BF/	B2	WO 98/51304	11/19/98	PCT			

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
/BF/	C1	Bossche <i>et al.</i> , <i>Chemotherapy of Gastrointestinal Helminths.</i> , Arundel <i>et al.</i> , (eds.), Springer-Verlag, 1985, In: Handbook of Experimental Pharmacology, Vol 77, Born <i>et al.</i> , (eds.).
/BF/	C2	Davidse, "Benzimidazole fungicides: mechanism of action and biological impact," <i>Ann. Rev. Phytopathol.</i> , 24:43-65, 1986.
/BF/	C3	Friedman and Platzer, "Interaction of anthelmintic benzimidazoles and benzimidazole derivatives with bovine brain tubulin," <i>Biochim. Biophys. Acta</i> , 544:605-614, 1978.
/BF/	C4	Friedman and Platzer, "Interaction of anthelmintic benzimidazoles with ascaris suum embryonic tubulin," <i>Biochim. Biophys. Acta</i> , 630:271-278, 1980.
/BF/	C5	Gottschall <i>et al.</i> , "The metabolism of benzimidazole anthelmintics," <i>Parasitol. Today</i> , 6:115-124, 1990.
/BF/	C6	Kohler and Bachmann, "Intestinal tubulin as possible target for the chemotherapeutic action of mebendazole in parasitic nematodes," <i>Mol. Biochem. Parasitol.</i> , 4:325-336, 1981.
/BF/	C7	Lacey and Prichard, "Interactions of benzimidazoles (BZ) with tubulin from BZ-sensitive and BZ-resistant isolates of <i>Haemonchus contortus</i> ," <i>Mol Biochem Parasitol</i> , 19:171-181, 1986.
/BF/	C8	Lacey and Watson, "Structure-activity relationships of benzimidazole carbamates as inhibitors of mammalian tubulin, in vitro," <i>Biochem. Pharmacol.</i> , 34(7):1073-1077, 1985.

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EXAMINER:

Brenda R. [Signature]

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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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January 9, 2002

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U.S. Patent Documents

Foreign Patent Documents

Other Art

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
/BF/	C9	Lacey and Watson, "Activity of benzimidazole carbamates against L1210 mouse leukaemia cells: correlation with in vitro tubulin polymerization assay," <i>Biochem. Pharmacol.</i> , 34(19):3603-3605, 1985.
/BF/	C10	Lacey, "The role of the cytoskeletal protein, tubulin, in the mode of action and mechanism of drug resistance to benzimidazoles," <i>Int. J. Parasitol.</i> , 18:885-936, 1988.
/BF/	C11	Lanusse <i>et al.</i> , "Methimazole-mediated modulation of netobimin biotransformation in sheep: a pharmacokinetic assessment," <i>J Vet Pharmacol Ther</i> , 15(3):267-274, 1992
/BF/	C12	Lanusse <i>et al.</i> , "Comparative sulphoxidation of albendazole by sheep and cattle liver microsomes and the inhibitory effect of methimazole," <i>Xenobiotica</i> , 23(3):285-295, 1993.
/BF/	C13	Lubega, and Prichard, "Specific interaction of benzimidazole anthelmintics with tubulin: high-affinity binding and benzimidazole resistance in <i>Haemonchus contortus</i> ," <i>Mol. Biochem. Parasitol.</i> , 38:221-232, 1990.
/BF/	C14	Nare <i>et al.</i> , "Benzimidazoles, potent anti-mitotic drugs: substrates for the P-glycoprotein transporter in multidrug-resistant cells," <i>Biochem. Pharmacol.</i> , 48(12):2215-2222, 1994.
/BF/	C15	Nare, <i>et al.</i> , "p-azidosalicyl-5-amino-6-phenoxybenzimidazole photolabels the N-terminal 63-103 amino acids of <i>Haemonchus contortus</i> β -Tubulin 1," <i>J Biol Chem</i> , 271(15):8575-8581, 1996.
/BF/	C16	Pilch <i>et al.</i> "Characterizing the DNA binding modes of a topoisomerase 1-poisoning terbenzimidazole: evidence for both intercalative and minor groove binding properties," <i>Drug Des Discov</i> , 13:115-133, 1996.
/BF/	C17	Russell <i>et al.</i> , "Binding of [3 H]Benzimidazole carbamates to mammalian brain tubulin and the mechanism of selective toxicity of the benzimidazole anthelmintics," <i>Biochem. Pharmacol.</i> , 43(5):1095-1100, 1992.
/BF/	C18	Stearns <i>et al.</i> , "Liarozole and 13-cis-retinoic acid anti-prostatic tumor activity," <i>Cancer Res</i> , 53:3073-3077, 1993.

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EXAMINER:

/Brandon Fetterolf/

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05/24/2007

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